

=> d his

(FILE 'HOME' ENTERED AT 15:26:34 ON 18 NOV 2009)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 15:27:09 ON 18 NOV 2009

L1 5924 S SINGLE(W)CELL(5A) (SUSPENSION OR SUSPEND?)
L2 44581 S EMBRYOID(3A) (BODY OR BODIES) OR EB
L3 703267 S ROCK? OR AGITAT?
L4 42 S L1(P)L2
L5 0 S L4(P)L3
L6 2 S L4 AND L3
L7 2 S L1 AND L2 AND L3
L8 39 S L1(P)L3
L9 22 DUP REM L4 (20 DUPLICATES REMOVED)
L10 1 DUP REM L6 (1 DUPLICATE REMOVED)
L11 1 DUP REM L7 (1 DUPLICATE REMOVED)
L12 20 DUP REM L8 (19 DUPLICATES REMOVED)

=> d au ti so pi l10

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN DUPLICATE 1
AU Schroeder, Magnus; Niebruegge, Sylvia; Werner, Andreas; Willbold, Elmar;
Burg, Monika; Ruediger, Manfred; Field, Loren J.; Lehmann, Juergen;
Zweigerdt, Robert
TI Differentiation and lineage selection of mouse embryonic stem cells in a
stirred bench scale bioreactor with automated process control
SO Biotechnology and Bioengineering (2005), 92(7), 920-933
CODEN: BIBIAU; ISSN: 0006-3592

=> d au ti so pi l11

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN DUPLICATE 1
AU Schroeder, Magnus; Niebruegge, Sylvia; Werner, Andreas; Willbold, Elmar;
Burg, Monika; Ruediger, Manfred; Field, Loren J.; Lehmann, Juergen;
Zweigerdt, Robert
TI Differentiation and lineage selection of mouse embryonic stem cells in a
stirred bench scale bioreactor with automated process control
SO Biotechnology and Bioengineering (2005), 92(7), 920-933
CODEN: BIBIAU; ISSN: 0006-3592

=> d au ti so pi 1-20 l12

L12 ANSWER 1 OF 20 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
DUPLICATE 1
AU Knuckey, Richard M. [Reprint Author]; Brown, Malcolm R.; Robert, Rene;
Frampton, Dion M. F.
TI Production of microalgal concentrates by flocculation and their assessment
as aquaculture feeds.
SO Aquacultural Engineering, (OCT 2006) Vol. 35, No. 3, pp. 300-313.
ISSN: 0144-8609.

L12 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2009 ACS on STN
IN Lianghui, Ji; Lin, Cai
TI Methods for high efficiency Agrobacterium-mediated transformation and
regeneration of plant suspension cultures
SO PCT Int. Appl., 49 pp.
CODEN: PIXXD2
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 2005103271	A1	20051103	WO 2004-SG101	20040420
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
	EP 1745132	A1	20070124	EP 2004-728491	20040420
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 1946849	A	20070411	CN 2004-80042792	20040420
	IN 2006KN03417	A	20070615	IN 2006-KN3417	20061117
	US 20090165175	A1	20090625	US 2007-587039	20070620

L12 ANSWER 3 OF 20 MEDLINE on STN DUPLICATE 2

AU Berglund C Mikaela D; Aarum Johan; Haeberlein Samantha L Budd; Nyengaard Jens R; Hokfelt Tomas; Sandberg Kristian; Naslund Jan; Persson Mats A

TI Characterization of long-term mouse brain aggregating cultures: evidence for maintenance of neural precursor cells.

SO The Journal of comparative neurology, (2004 Jun 21) Vol. 474, No. 2, pp. 246-60.

Journal code: 0406041. ISSN: 0021-9967.

L12 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2009 ACS on STN

IN James, Brian William; Marsh, Philip; Chadwick, James S.

TI A method of culture and growth for a mycobacteria suspension

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000052139	A1	20000908	WO 2000-GB760	20000302
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2364579	A1	20000908	CA 2000-2364579	20000302
	EP 1159400	A1	20011205	EP 2000-907778	20000302
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002537798	T	20021112	JP 2000-602751	20000302
	AU 770840	B2	20040304	AU 2000-29255	20000302

L12 ANSWER 5 OF 20 MEDLINE on STN

AU Fernando K; Gulabivala K; Barrett A W

TI The preparation of periapical lesions for flow cytometry.

SO International endodontic journal, (2000 Mar) Vol. 33, No. 2, pp. 103-12.

Journal code: 8004996. ISSN: 0143-2885.

L12 ANSWER 6 OF 20 MEDLINE on STN DUPLICATE 3

AU Lamatsch D K; Steinlein C; Schmid M; Scharltl M

TI Noninvasive determination of genome size and ploidy level in fishes by

- flow cytometry: detection of triploid *Poecilia formosa*.
SO Cytometry, (2000 Feb 1) Vol. 39, No. 2, pp. 91-5.
Journal code: 8102328. ISSN: 0196-4763.
- L12 ANSWER 7 OF 20 MEDLINE on STN
AU Moreira J L; Alves P M; Rodrigues J M; Cruz P E; Aunins J G; Carrondo M J
TI Studies of baby hamster kidney natural cell aggregation in suspended batch
cultures.
SO Annals of the New York Academy of Sciences, (1994 Nov 30) Vol. 745, pp.
122-33.
Journal code: 7506858. ISSN: 0077-8923.
- L12 ANSWER 8 OF 20 MEDLINE on STN DUPLICATE 4
AU Madrigal L; Lynch S; Feighery C; Weir D; Kelleher D; O'Farrelly C
TI Flow cytometric analysis of surface major histocompatibility complex class
II expression on human epithelial cells prepared from small intestinal
biopsies.
SO Journal of immunological methods, (1993 Feb 3) Vol. 158, No. 2, pp.
207-14.
Journal code: 1305440. ISSN: 0022-1759.
- L12 ANSWER 9 OF 20 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
DUPLICATE 5
AU POLNE-FULLER M [Reprint author]; GIBOR A
TI DEVELOPMENTAL STUDIES IN PORPHYRA RHODOPHYCEAE III. EFFECT OF CULTURE
CONDITIONS ON WALL REGENERATION AND DIFFERENTIATION OF PROTOPLASTS.
SO Journal of Phycology, (1990) Vol. 26, No. 4, pp. 674-682.
CODEN: JPYLAJ. ISSN: 0022-3646.
- L12 ANSWER 10 OF 20 MEDLINE on STN DUPLICATE 6
AU Keay L; Walsh J M; Buchholz R M; Terando J M
TI Production of recombinant human erythropoietin in Bowes melanoma cells in
suspension culture.
SO Applied microbiology and biotechnology, (1990 Nov) Vol. 34, No. 2, pp.
198-202.
Journal code: 8406612. ISSN: 0175-7598.
- L12 ANSWER 11 OF 20 MEDLINE on STN DUPLICATE 7
AU Boswell H S; Albrecht P R; Shupe R E; Williams D E; Burgess J
TI Role of stromal populations in hemopoietic stem cell proliferation. I.
Physically distinct subpopulations of hemopoietic stem cells and stromal
progenitors determine long-term culture hemopoiesis.
SO Experimental hematology, (1987 Jan) Vol. 15, No. 1, pp. 46-53.
Journal code: 0402313. ISSN: 0301-472X.
- L12 ANSWER 12 OF 20 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU HAWES M C [Reprint author]; PUEPKKE S G
TI SLOUGHED PERIPHERAL ROOT CAP CELLS YIELD FROM DIFFERENT SPECIES AND CALLUS
FORMATION FROM SINGLE CELLS.
SO American Journal of Botany, (1986) Vol. 73, No. 10, pp. 1466-1473.
CODEN: AJBOAA. ISSN: 0002-9122.
- L12 ANSWER 13 OF 20 MEDLINE on STN
AU Raber J M; D'Ambrosio S M
TI Isolation of single cell suspensions from the rat mammary gland:
separation, characterization, and primary culture of various cell
populations.
SO In vitro cellular & developmental biology : journal of the Tissue Culture
Association, (1986 Aug) Vol. 22, No. 8, pp. 429-39.
Journal code: 8506951. ISSN: 0883-8364.

L12 ANSWER 14 OF 20 MEDLINE on STN DUPLICATE 8
 AU Bijman J T; Wagener D J; van Rennes H; Wessels J M; van den Broek P
 TI Flow cytometric evaluation of cell dispersion from human head and neck tumors.
 SO Cytometry, (1985 Jul) Vol. 6, No. 4, pp. 334-41.
 Journal code: 8102328. ISSN: 0196-4763.

L12 ANSWER 15 OF 20 MEDLINE on STN DUPLICATE 9
 AU Lehnert B E; Valdez Y E; Holland L M
 TI Pulmonary macrophages: alveolar and interstitial populations.
 SO Experimental lung research, (1985) Vol. 9, No. 3-4, pp. 177-90.
 Journal code: 8004944. ISSN: 0190-2148.

L12 ANSWER 16 OF 20 MEDLINE on STN DUPLICATE 10
 AU Satmary W M; Bradley T J
 TI Dissociation of insect Malpighian tubules into single, viable cells.
 SO Journal of cell science, (1984 Dec) Vol. 72, pp. 101-9.
 Journal code: 0052457. ISSN: 0021-9533.

L12 ANSWER 17 OF 20 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 AU NAG A [Reprint author]; ZAK R
 TI DISSOCIATION OF ADULT MAMMALIAN HEART INTO SINGLE CELL SUSPENSION AN ULTRASTRUCTURAL STUDY.
 SO Journal of Anatomy, (1979) Vol. 129, No. 3, pp. 541-559.
 CODEN: JOANAY. ISSN: 0021-8782.

L12 ANSWER 18 OF 20 MEDLINE on STN DUPLICATE 11
 AU Sullivan T J; Parker K L; Stenson W; Parker C W
 TI Modulation of cyclic AMP in purified rat mast cells. I. Responses to pharmacologic, metabolic, and physical stimuli.
 SO Journal of immunology (Baltimore, Md. : 1950), (1975 May) Vol. 114, No. 5, pp. 1473-9.
 Journal code: 2985117R. ISSN: 0022-1767.

L12 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2009 ACS on STN
 AU Bateman, Durward F.
 TI Enzymic maceration of plant tissue
 SO Netherlands Journal of Plant Pathology (1968), 74(Suppl. 1), 67-80
 CODEN: NJPPAM; ISSN: 0028-2944

L12 ANSWER 20 OF 20 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 AU BRYANT, JAY C.; SCHILLING, EDWARD L.; EARLE, WILTON R.
 TI Massive fluid-suspension cultures of certain mammalian tissue cells. I. General characteristics of growth and trends of population.
 SO JOUR NATL CANCER INST, (1958) Vol. 21, No. 2, pp. 331-348.

=> d au ti so pi 11-22 19

L9 ANSWER 11 OF 22 LIFESCI COPYRIGHT 2009 CSA on STN
 AU Norstroem, Anders; Aakesson, Karolina; Hardarson, Thorir; Hamberger, Lars; Bjoerquist, Petter; Sartipy, Peter
 TI Molecular and Pharmacological Properties of Human Embryonic Stem Cell-Derived Cardiomyocytes
 SO Experimental Biology and Medicine [Exp. Biol. Med.], (20061200) vol. 231, no. 11, pp. 1753-1762.
 ISSN: 1535-3699.

L9 ANSWER 12 OF 22 LIFESCI COPYRIGHT 2009 CSA on STN
AU Tas, A.; Arat, S.; Dalcik, H.
TI Comparative evaluation of various protocols for neural differentiation of
mouse embryonic stem cells
SO Reproduction, Fertility and Development [Reprod. Fertil. Dev.], (20060000)
vol. 18, no. 1-2, p. 211.
Meeting Info.: Annu. Conf. of the Int. Embryo Transfer Society. Orlando,
FL (USA). 7-11 Jan 2006.
ISSN: 1031-3613.

L9 ANSWER 13 OF 22 MEDLINE on STN DUPLICATE 7
AU Schroeder Magnus; Niebruegge Sylvia; Werner Andreas; Willbold Elmar; Burg
Monika; Ruediger Manfred; Field Loren J; Lehmann Juergen; Zweigerdt Robert
TI Differentiation and lineage selection of mouse embryonic stem cells in a
stirred bench scale bioreactor with automated process control.
SO Biotechnology and bioengineering, (2005 Dec 30) Vol. 92, No. 7, pp.
920-33.
Journal code: 7502021. ISSN: 0006-3592.

L9 ANSWER 14 OF 22 MEDLINE on STN DUPLICATE 8
AU Peng Hongmei; Chen Gui'an
TI Neural precursors derived from human embryonic stem cells.
SO Science in China. Series C, Life sciences / Chinese Academy of Sciences,
(2005 Jun) Vol. 48, No. 3, pp. 295-9.
Journal code: 9611809. ISSN: 1006-9305.

L9 ANSWER 15 OF 22 MEDLINE on STN
AU He Zhi-xu; Huang Shao-liang; Zhou Qi-feng; Li Shu-nong
TI Generation of CD34+/Sca-1+ cells from mouse embryonic stem cells with
two-step differentiation in vitro.
SO Zhonghua er ke za zhi. Chinese journal of pediatrics, (2004 Nov) Vol. 42,
No. 11, pp. 830-4.
Journal code: 0417427. ISSN: 0578-1310.

L9 ANSWER 16 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU Carotta, Sebastian [Reprint Author]; Pilat, Sandra [Reprint Author];
Mairhofer, Andreas [Reprint Author]; Klump, Hannes [Reprint Author]; Beug,
Hartmut [Reprint Author]; Steinlein, Peter [Reprint Author]
TI Long term mass cultivation of pure ES cell derived erythroid progenitors
reveal a role of Flk-1 in erythropoiesis.
SO Blood, (November 16 2003) Vol. 102, No. 11, pp. 826a. print.
Meeting Info.: 45th Annual Meeting of the American Society of Hematology.
San Diego, CA, USA. December 06-09, 2003. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.

L9 ANSWER 17 OF 22 MEDLINE on STN DUPLICATE 9
AU Zweigerdt R; Burg M; Willbold E; Abts Hf; Ruediger M
TI Generation of confluent cardiomyocyte monolayers derived from embryonic
stem cells in suspension: a cell source for new therapies and screening
strategies.
SO Cytotherapy, (2003) Vol. 5, No. 5, pp. 399-413.
Journal code: 100895309. ISSN: 1465-3249.

L9 ANSWER 18 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU He, Zhi Xu [Reprint Author]; Huang, Shao Liang; Li, Shu Long
TI In vitro generation of hematopoietic progenitors from mice embryonic stem
cell line to reconstitute hematopoiesis in lethally irradiated mice.
SO Blood, (November 16 2003) Vol. 102, No. 11, pp. 337a. print.
Meeting Info.: 45th Annual Meeting of the American Society of Hematology.

San Diego, CA, USA. December 06-09, 2003. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.

- L9 ANSWER 19 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU Vercauteren, Suzanne M. [Reprint Author]; Peirce, Michael N. [Reprint
Author]; Eaves, Connie J. [Reprint Author]
TI Clonogenic efficiency, phenotypic characterization and generation of CD45+
cells from human embryonic stem cells.
SO Blood, (November 16 2003) Vol. 102, No. 11, pp. 330a. print.
Meeting Info.: 45th Annual Meeting of the American Society of Hematology.
San Diego, CA, USA. December 06-09, 2003. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.
- L9 ANSWER 20 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU Zetterstrom, M. A. [Reprint Author]; Anderson, M. [Reprint Author];
Sjogren-Jansson, E.; Eriksson, P. S. [Reprint Author]
TI Rapid generation of proliferating neural progenitors from human embryonic
stem cells.
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)
Vol. 2003, pp. Abstract No. 347.11. <http://sfn.scholarone.com>. e-file.
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.
- L9 ANSWER 21 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU Xu, L. [Reprint author]; Lim, B. [Reprint author]
TI Differentiation of hepatocyte-like cells from murine embryonal stem cells.
SO Blood, (November 16, 2000) Vol. 96, No. 11 Part 1, pp. 276a. print.
Meeting Info.: 42nd Annual Meeting of the American Society of Hematology.
San Francisco, California, USA. December 01-05, 2000. American Society of
Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.
- L9 ANSWER 22 OF 22 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
AU KLEINSMITH, LEWIS J.; BARRY PIERCE, G.
TI Multipotentiality of single embryonal carcinoma cells.
SO CANCER RES, (1964) Vol. 24, No. 9, pp. 1544-1551.